

Abstracts

Multilayer Microstrip Transmission Lines (Short Papers)

A. Farrar and A.T. Adams. "Multilayer Microstrip Transmission Lines (Short Papers)." 1974 *Transactions on Microwave Theory and Techniques* 22.10 (Oct. 1974 [T-MTT]): 889-891.

A method used to treat covered microstrip is extended to multilayer microstrip. Detailed results are obtained for the general three-layer problem. Series expansion and term-by-term integration are used to obtain a closed form expression for the Green's function. Matrix methods are then used to obtain the characteristic impedance. Data obtained agree closely with experiment.

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